Datasheet: MCA1126

BATCH NUMBER 150419

| Description: | MOUSE ANTI HUMAN AMYLIN |
| Specificity: | AMYLIN |
| Format: | S/N |
| Product Type: | Monoclonal Antibody |
| Clone: | R10/99 |
| Isotype: | IgG1 |
| Quantity: | 2 ml |

**Product Details**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>Immunofluorescence</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**Target Species**

Human

**Product Form**

Tissue Culture Supernatant - liquid

**Buffer Solution**

0.1M TRIS

**Preservative Stabilisers**

0.09% Sodium Azide

**Immunogen**

A peptide CATQRLANFLV corresponding to residues 40-50 of human IAPP coupled to tuberculin.
Fusion Partners
Spleen cells from immunized a BALB/c mouse were fused with cells of the mouse SP2/0 myeloma cell line.

Specificity
Mouse anti Human Amylin antibody, clone R10/99 recognizes the islet amyloid polypeptide (amylin). Mouse anti Human Amylin antibody, clone R10/99 is of high affinity, and stains islet amyloid peptide in intra-cellular insulin granules, intra-cellular amyloid and extra-cellular islet amyloid.

Immunohistology
This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

References

Storage
Store at +4°C or at -20°C if preferred.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**
12 months from date of despatch

**Health And Safety Information**
Material Safety Datasheet documentation #10451 available at: https://www.bio-rad-antibodies.com/SDS/MCA112610451

**Regulatory**
For research purposes only

**Recommended Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG (STAR77...) **HRP**
- Rabbit Anti Mouse IgG (STAR12...) **RPE**
- Goat Anti Mouse IgG IgA IgM (STAR87...) **Alk. Phos., HRP**
- Goat Anti Mouse IgG (STAR76...) **RPE**
- Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
- Rabbit Anti Mouse IgG (STAR13...) **HRP**
- Goat Anti Mouse IgG (STAR70...) **FITC**
- Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®550, DyLight®650, DyLight®680, DyLight®800, FITC, HRP**
- Rabbit Anti Mouse IgG (STAR9...) **FITC**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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Printed on 12 Aug 2023